

CLAIMS

What is claimed is:

1. A wet-type wiping apparatus of an inkjet printer to clean a print head of the inkjet printer, the wet-type wiping apparatus comprising:
 - a moisture storing portion;
 - a moisture suction portion disposed on an upper side of the moisture storing portion and having a plurality of moisture suction holes; and
 - a wiper portion penetrating in the moisture storing portion and having a plurality of capillary tubes vertically penetrating therein.
2. The wet-type wiping apparatus of claim 1, wherein the moisture storing portion comprises a foam to contain moisture therein.
3. The wet-type wiping apparatus of claim 1, wherein the moisture suction portion comprises one of calcium chloride, a silica gel, and a high molecular weight absorbent substance
4. A maintenance apparatus of an inkjet printer comprising:
 - a housing disposed in an inkjet printer body;
 - a slider movably disposed on the housing;
 - a wet-type wiping apparatus disposed on the slider; and
 - a cap,wherein the wet-type wiping apparatus comprises,
 - a moisture storing portion,
 - a moisture suction portion disposed on an upper side of the moisture storing portion and having a plurality of moisture suction holes, and
 - a wiper portion disposed to penetrate the moisture storing portion and having a plurality of capillary tubes vertically penetrating therein.
5. The maintenance apparatus of claim 4, wherein the moisture storing portion comprises foam to contain moisture therein.

6. The maintenance apparatus of claim 4, wherein the moisture suction portion comprises one of calcium chloride, a silica gel, and a high molecular weight absorbent substance.

7. A wet-type wiping apparatus to clean a print head of an inkjet printer, the wet-type wiping apparatus comprising a wiper having moisture provided thereto by capillary action.

8. The wet-type wiping apparatus of claim 7, wherein the moisture provided by capillary action is supplied from a unit comprising:

a moisture storing portion; and
a moisture suction portion disposed on an upper side of the moisture storing portion and having a plurality of moisture suction holes,
wherein the wiper is inserted into the moisture storing portion and has a plurality of capillary tubes vertically penetrating therein.

9. The wet-type wiping apparatus of claim 8, wherein the moisture storing portion comprises a foam to contain moisture therein.

10. The wet-type wiping apparatus of claim 8, wherein the moisture suction portion comprises one of calcium chloride, a silica gel, and a high molecular weight absorbent substance.

11. A wet-type wiping apparatus to clean a print head of an inkjet printer, the wet-type wiping apparatus comprising a wet wiper disposed on a slider.

12. The wet-type wiping apparatus of claim 11, wherein the wet wiper comprises an outer portion and internal capillaries to allow moisture to be drawn from a storage unit by capillary action to an upper portion of the wet wiper.

13. The wet-type wiping apparatus of claim 12, wherein the storage unit comprises:
a moisture storing portion;
a moisture suction portion disposed on an upper side of the moisture storing portion and having a plurality of moisture suction holes,

wherein the wet wiper is inserted into the moisture storing portion and has a plurality of capillary tubes vertically penetrating therein.

14. The wet-type wiping apparatus of claim 13, wherein the moisture storing portion comprises a foam to contain moisture therein.

15. The wet-type wiping apparatus of claim 13, wherein the moisture suction portion comprises one of calcium chloride, a silica gel, and a high molecular weight absorbent substance.

16. The wet-type wiping apparatus of claim 8, wherein the wiper portion is inserted at a predetermined distance from the bottom surface of the moisture storing portion, leaving a predetermined space to draw moisture continuously from the moisture storing portion.